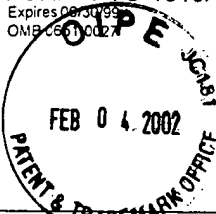


FORM PTO-1619A

Expires 08/31/99  
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Pioneer Hi-Bred Int'l, Inc.

Execution Date  
Month Day Year

10222001

Name (line 2)

**Second Party**

Name (line 1)

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Name (line 1)

Textron Systems Corporation

If document to be recorded  
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Name (line 2)

Address (line 1)

201 Lowell Street

Address (line 2)

Address (line 3)

Wilmington

MA

01887

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Carl G. Buzawa

Address (line 1)

Textron Systems Corporation

Address (line 2)

201 Lowell Street

Address (line 3)

Address (line 4)

Wilmington, MA 01887

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Page 2

U.S. Department of Commerce  
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**PATENT**

**Correspondent Name and Address**

Area Code and Telephone Number (978) 657-1168

Name Leslev A. Hamlin

Address (line 1) Textron System Corporation

Address (line 2) 201 Lowell Street

Address (line 3)

Address (line 4) Wilmington, MA 01887

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**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

09/309,157

**Patent Number(s)**

5,751,421

5,991,025

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

# 3

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 120.00

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Carl G. Buzawa

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Signature

Date

11/13/01

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ATTACHMENT A  
ASSIGNMENT

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WHEREAS, Pioneer Hi-Bred Int'l, Inc., an Iowa corporation having offices at 800 Capital Square, 400 Locust Street, Des Moines, Iowa, 50306 ("PIONEER"), owns, by assignment, all right, title, and interest in: US patent nos.: 5,751,421; 5,991,025; U.S. patent application serial nos.: 09/309,157; 09/075,614; 08/807,661; PCT application nos.: PCT/US98/05105; PCT/US99/10195; European patent publication nos.: 1078246; 1063878; and, Canadian patent application nos.: 2,331,865; 2,334,400 and any invention claimed therein; and Textron Systems Corporation, a Delaware corporation having offices at 201 Lowell Street, Wilmington, Massachusetts 01887 ("TEXTRON"), desires to own PIONEER's entire right, title, and interest in and to the invention, in all countries throughout the world, and in and to each of the foregoing patents and applications.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, PIONEER hereby sells, assigns, transfers, and sets over to TEXTRON, its lawful successors and assigns, PIONEER's entire right, title, and interest in and to U.S. patent nos. 5,751,421 and 5,991,025 the inventions claimed therein, any other patent applications directed to the invention including U.S. patent application serial nos. 09/309,157; 09/075,614; 08/807,661 and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such applications, and all applications for Letters Patent that may be filed for the inventions in any foreign country including PCT application nos. PCT/US'98/05105; PCT/US99/10195 and all Letters Patent that may be granted on the inventions in any foreign country including EP patent publication nos. 1078246; 1063878 and Canadian patent application nos. 2,331,865; 2,334,400, and all extensions, renewals, and reissues thereof; and PIONEER hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to TEXTRON, its successors and assigns, in accordance with the terms of this Assignment;

AND, PIONEER HEREBY further covenants that PIONEER has the full right to convey the interest assigned by this Assignment. PIONEER will take all action and execute all documents necessary to perfect the interest assigned hereby, and PIONEER has not executed and will not execute any agreement in conflict with this Assignment; AND, PIONEER HEREBY further covenants and agrees that PIONEER, through its officers and employees, will, without further consideration, communicate with TEXTRON, its successors and assigns, any facts known to PIONEER and its officers and employees respecting the invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in said TEXTRON, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid TEXTRON, its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by TEXTRON, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

Pioneer Hi-Bred Int'l, Inc.

Textron Systems Corporation

By James E. Miller

By Robert P. Brally

Date 10-15-01

Date 10-22-01